

PROPOSED OPERATING PARAMETERS

PROPOSED KFCT-DT
 CHANNEL 21 – FORT COLLINS, COLORADO
 [MODIFICATION OF BPCDT-19990830AAH]

Transmitter Power Output:	53.7 kw
Transmission Line Efficiency:	84.7%
Antenna Power Gain – Main Lobe:	22.0
Effective Radiated Power – Main Lobe:	1,000 kw
Transmitter Make and Model:	Type-accepted
Rated Output	60 kw
Transmission Line Make and Model:	Andrew MACX675B
Size and Type:	6 1/8" rigid
Length:	700 feet*
Antenna Make and Model:	Andrew ATW22HS3-HSO-21H
Orientation	Omnidirectional
Beam Tilt	0.75 degrees
Effective Height Above Ground:	194 meters
Effective Height Above Mean Sea Level:	1,793 meters

*estimated